



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

## NOTICE OF ACCEPTANCE (NOA)

Horton Automatics Division of Overhead Door  
4242 Baldwin Boulevard  
Corpus Christi, TX 78405

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "2001/110 "(O-Sx-Sx-O) Aluminum Automatic Sliding Door w/ Breakout

**APPROVAL DOCUMENT:** Drawing No. 110706, titled "Series 2001/110 Impact Slide", sheets 1 through 4, of 4 prepared by manufacturer, dated 01/23/07 and last revised on 07-22-08, signed and sealed by John E. Scates, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** Large and Small Missile Impact

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 as well as approval document mentioned above.  
The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 08-0410.16  
Expiration Date: August 21, 2013  
Approval Date: August 21, 2008  
Page 1

8  
7/30/18

**Horton Automatics Division of Overhead Door**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **110706**, titled "Series 2001/110 Impact Slide", sheets 1 through 4, of 4 prepared by manufacturer, dated 01/23/07 and last revised on 07-22-08, signed and sealed by John E. Scates, P.E.

**B. TESTS**

1. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94.  
4) Not tested for Water Resistant test.  
5) Large Missile Impact Test, per FBC, TAS 201-94.  
6) Cyclic Loading Test, Per FBC, TAS 203-94.

along with installation diagram of an aluminum automatic sliding glass doors, prepared by Hurricane Testing Laboratories, Test Report No. **HTL-0322-1103-07**, dated 03/14/08 and revised on 06/12/08 by an addendum letter, signed and sealed by Vinu Abraham, P.E.

**C. CALCULATIONS:**

1. Anchor verification calculations and structural analysis dated 06/30/08 and last revised on 06/30/08, prepared, signed and sealed by John E. Scates, P.E.
2. Glazing complies w/ ASTM E-1300-02

**D. QUALITY ASSURANCE BY**

1. Miami Dade building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

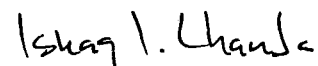
1. Notice of Acceptance No. **03-0415.13** issued to Solutia, Inc. for "**Vanceva™ Composite interlayer**", expiring on December 11, 2008.

**F. STATEMENTS**

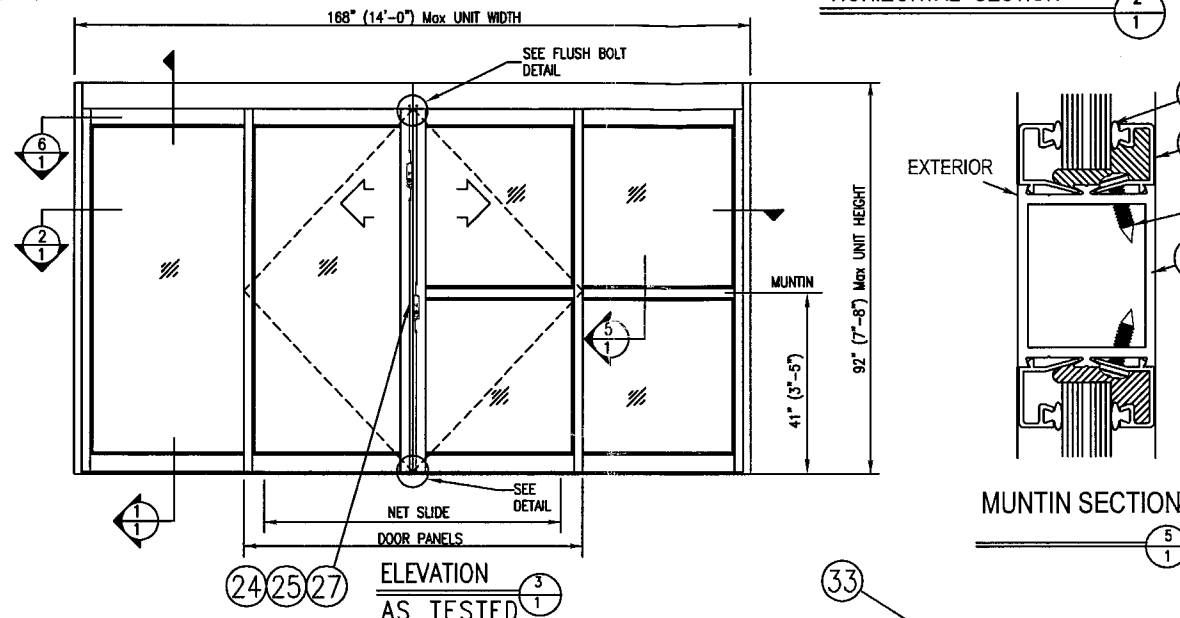
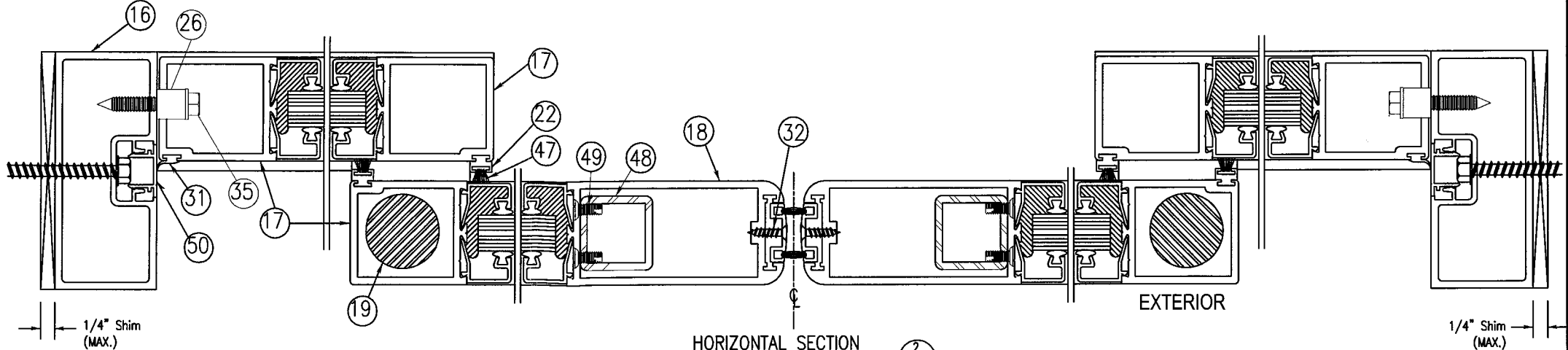
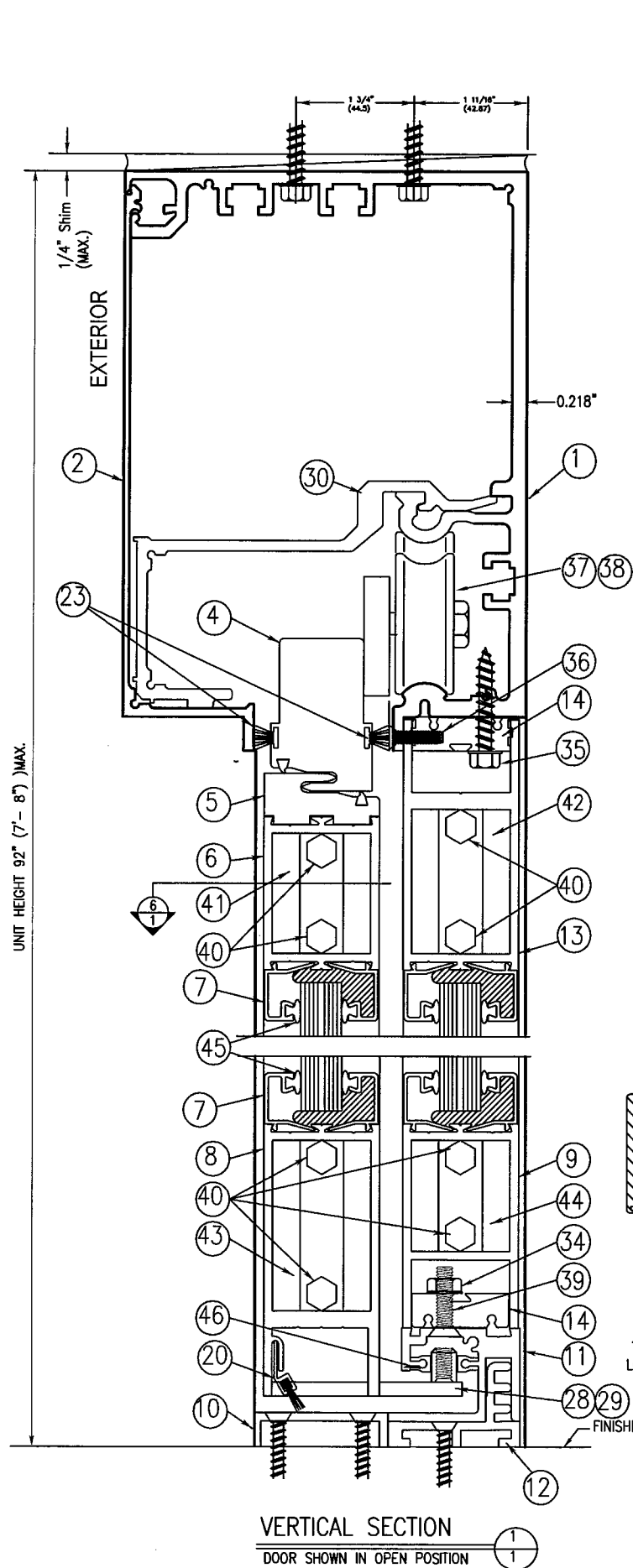
1. Statement letter of conformance & "No financial interest", dated 03/12/08, signed & sealed by John E. Scates, P.E.
2. Addendum letter dated 06-12-08, issued by Hurricane Testing lab, signed and sealed by Vinu Abraham, P. E.
3. Statement letter of compliance, part of above test report.

**G. OTHER**

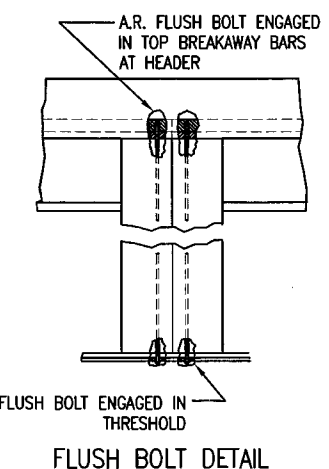
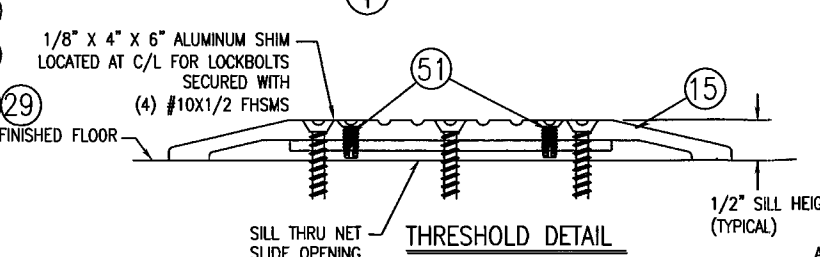
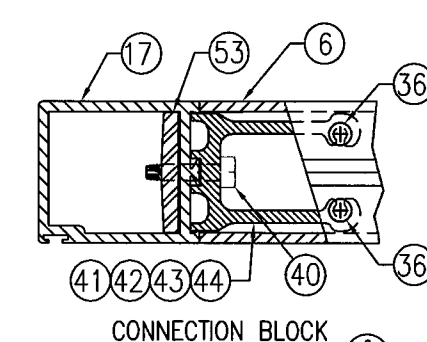
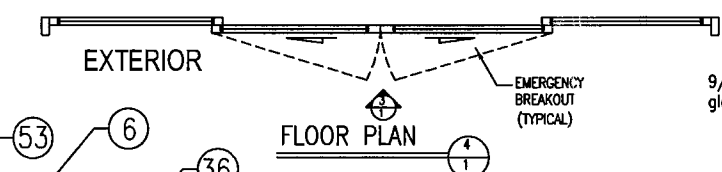
1. None



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 08-0410.16  
Expiration Date: August 21, 2013  
Approval Date: August 21, 2008



Note:  
For fastener location and types see sheets 2 and 3. The allowable 4/3 increase stress factor for wind loads was used in the wood anchor calculations only for determining the minimum required anchor quantities shown on these drawings



9/16" thick (nominal) laminated glass consisting of the following components:  
 \* 1/4" heat strengthened glass  
 \* 0.075" Solutia Vanceva composite interlayer  
 \* 1/4" heat strengthened glass  
 \* Dow Corning #995

| Door Panel Sizes: | "SO" Panel      | "SX" Panel      |
|-------------------|-----------------|-----------------|
| (W x H)           | 41.88" x 82.19" | 42.88" x 81.75" |
| Positive          | Not Approved    | ± 80 PSF        |
| Negative          | Not Approved    | ± 80 PSF        |

Electrical/electronic functions are not part of this approval and must be reviewed by appropriate building official

| NO. | REVISION DESCRIPTION         | DATE     | BY |
|-----|------------------------------|----------|----|
| 1   | RELEASE FOR P.E. APPROVAL    | 01/23/07 |    |
| 2   | REINFORCED STRIKE RAIL       | 06/13/07 |    |
| 3   | UPDATED DWG PER UNIT TESTED  | 12/17/07 |    |
| 4   | ADDED ITEMS 51 & 52          | 03/14/08 |    |
| 5   | ADDED ±80PSF RATING          | 03/20/08 |    |
| 6   | REVISED PER METRO DADE ENGR. | 05/27/08 |    |
| 7   | REVISED PER METRO DADE ENGR. | 07/15/08 |    |

JOHN E. SCATES, P.E.  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737

*John E. Scates*  
7/22/08

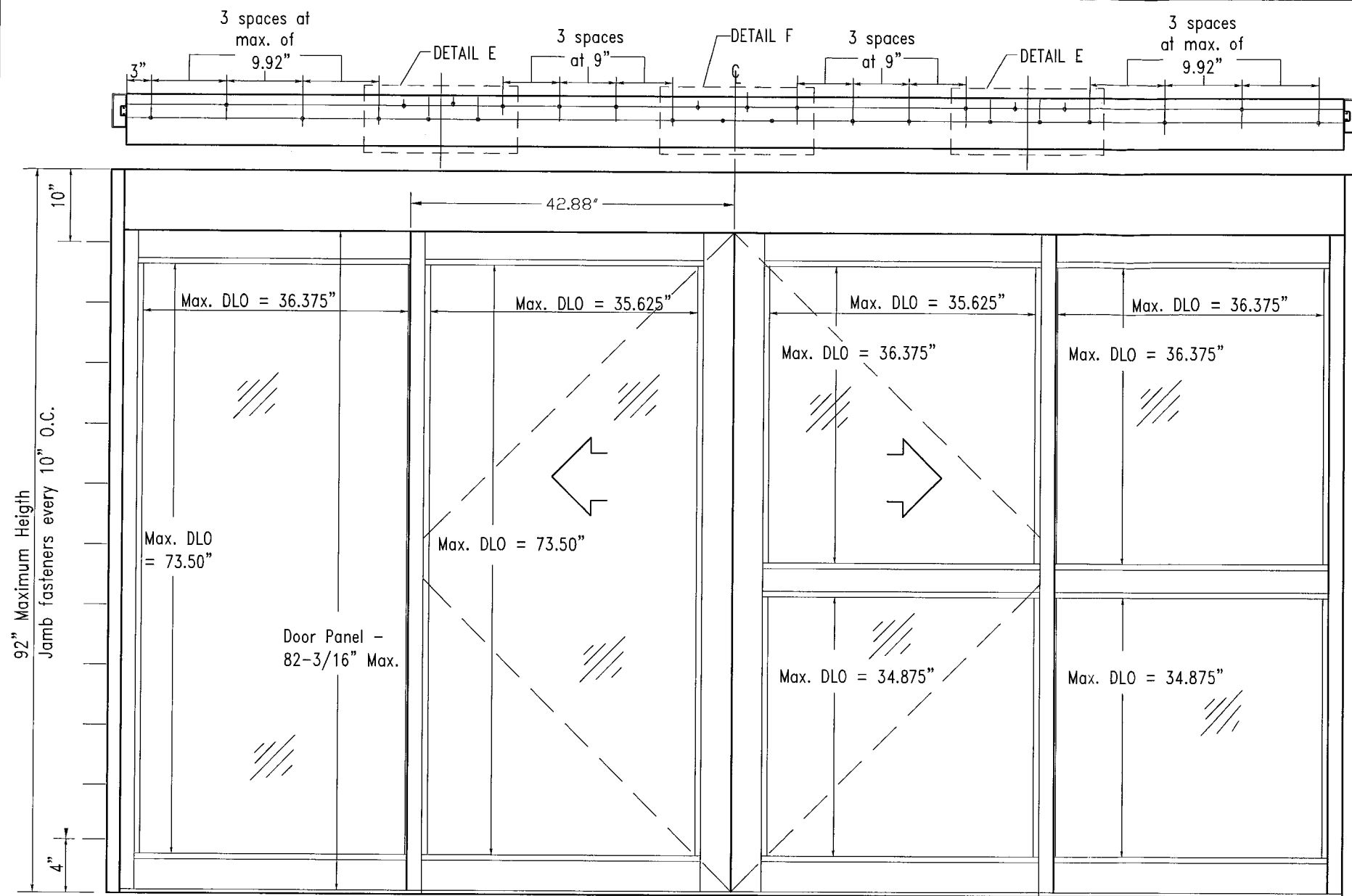
Approved as complying with the  
Florida Building Code  
Date AUGUST 21, 2008  
NOA# 08-0410-16  
Miami Dade Product Control  
Division  
By Shag I. Chaudh

A DIVISION OF OVERHEAD DOOR CORP.  
4242 BALDWIN BOULEVARD  
CORPUS CHRISTI, TEXAS 78405-3399  
361-888-5591 1-800-531-3111  
FAX: 361-888-6510, 1-800-531-3108

**Horton**

2001/110 Impact Slide  
Dwg. No. 110706

11/07/08



For wood substrate jambs orient as shown here

## TYPE 110 Header

The frame must be shimmed with a type of shim complying with the Florida Building Code and is capable of resisting the frame's rotation-1/4" thk. Max

The allowable 4/3 increase stress factor for wind loads was used in the wood anchor calculations only for determining the minimum required anchor quantities shown on these drawings

### HEADER

Steel (1/4" Thick, Fy=36 KSI) - INTERCORP #14  
Steel HWH Self-Drilling Screw, 0.625" Min. Edge Distance  
Aluminum(0.125" Thick Min./6063-T5) - 1/4"-14  
HWH Sheetmetal Screw, 1" Min. Edge Distance.

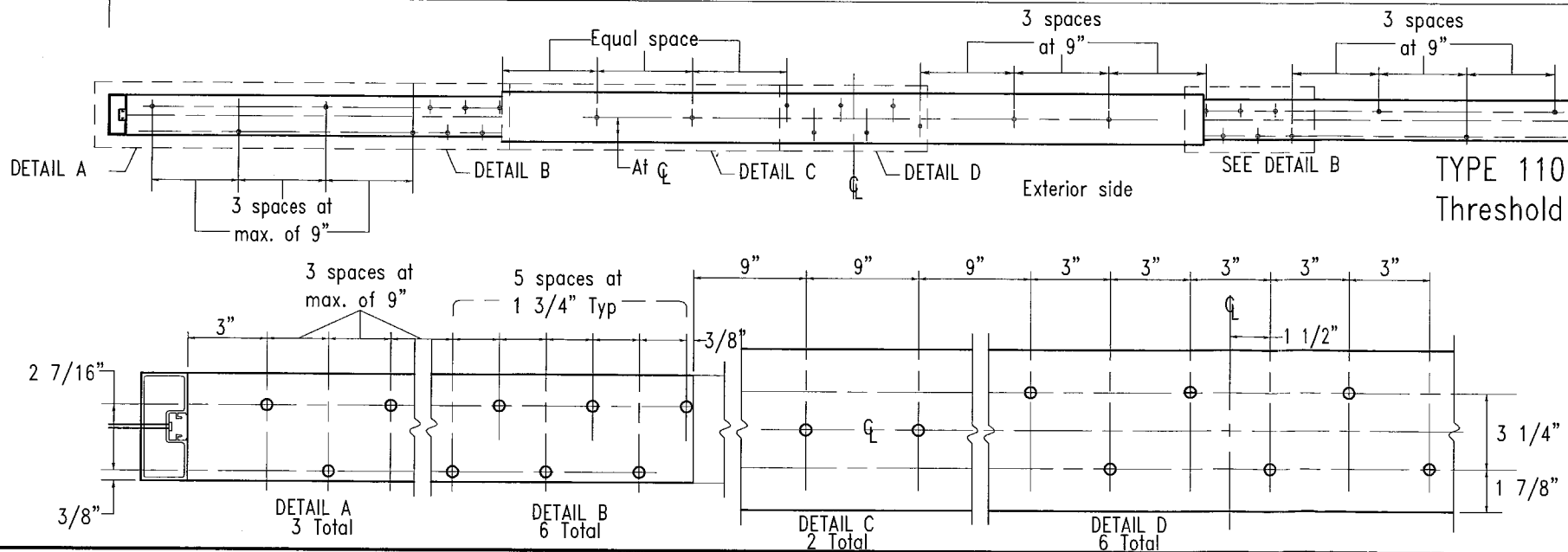
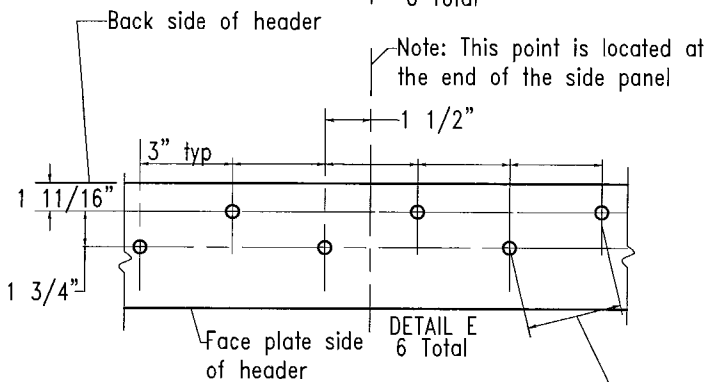
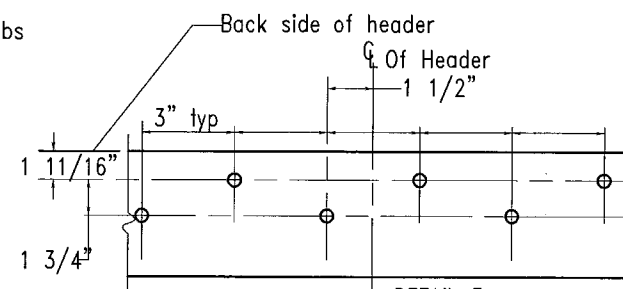
### JAMBS

Steel (1/4" Thick, Fy=36 KSI) - ITW TEKS SCREW #14-20, HWH w/WINGS Self-Drilling Screw 0.625" Minimum Edge Distance  
Concrete(3000 PSI) - BUILDEX TAPCON 1/4" HWH Concrete Screw/Anchor, 2.0" Embed, 2.5" Min. Edge Distance  
Masonry(Solid CMU Block) - BUILDEX TAPCON 1/4" HWH Concrete Screw/Anchor, 2.0" Embed, 2.5" Min. Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 HWH Sheetmetal Screw, 1" Min. Edge Distance.  
Wood(#2 SYP)-#14 x 4" Long Woodscrew or 1/4" x 4" Long Lag Bolt - Grade 5, 2.75" Minimum Penetration, 1" Minimum Edge Distance.

### THRESHOLD

Steel (1/4" Thick, Fy= 36 KSI)- ITW TEKS SCREW #14-20 PFH w/Wings Self-Drilling Screw, 0.625" Minimum Edge Distance  
Concrete(3000 PSI)- BUILDEX TAPCON 1/4" Concrete Screw 2.0" Embed, 2.5" Minimum Edge Distance  
Aluminum(0.125" Thick Minimum/6063-T5) - 1/4"-14 FH Sheetmetal Screw, 1" Minimum Edge Distance  
2001/110 Impact Slide

| NO. | REVISION DESCRIPTION         | DATE     | APPROVED |
|-----|------------------------------|----------|----------|
| 2   | REINFORCED STRIKE RAIL       | 08/13/07 |          |
| 3   | UPDATED PER UNIT TESTED      | 12/18/07 |          |
| 4   | ADDED DLO's on RIGHT PANELS  | 03/04/08 |          |
| 5   | REVISED FASTENER DESCRIPTION | 03/07/08 |          |
| 6   | REVISED PER METRO DADE ENGR  | 05/27/08 |          |
| 7   | REVISED PER PE INSTRUCTION   | 06/25/08 |          |
| 8   | REVISED PER PE INSTRUCTION   | 06/26/08 |          |
| 9   | REVISED PER METRO DADE       | 07/15/08 |          |



JOHN E. SCATES, P.E.  
3121 FAIRGATE DR.  
CARROLLTON, TX 75007  
FL PE 51737

John E. Scates  
7/22/08

Approved as complying with the Florida Building Code  
Date: AUG 21, 2008  
NOA# 08-0410-16  
Miami Dade Product Control Division  
By: [Signature]

|   |                |
|---|----------------|
| A DIVISION OF OVERHEAD DOOR CORP.<br>4242 BALDWIN BOULEVARD<br>CORPUS CHRISTI, TEXAS 78405-3399<br>361-888-5591 1-800-531-3111<br>FAX: 361-888-6510, 1-800-531-3108 |                |
| Horton AUTOMATICS   |                |
| JOB: METRO-DADE   |                |
| LOCATION:   |                |
| DESIGNED BY: [Signature]  |                |
| DRW: J. LACKEY  | DATE: 11/07/08 |
| SHEET 2 of 4  |                |

Bi-Part Fastener Locations  
Dwg. No. 110706

| ITEM # | HORTON PART NUMBER | DESCRIPTION   |
|--------|--------------------|---|
| 1      | C03600.0005        | ALUMINUM EXTRUSION: HEADER  |
| 2      | C03601.0002        | ALUMINUM EXTRUSION: FACEPLATE   |
| 3      | C00358.000R        | ALUMINUM EXTRUSION: ASTRAGAL  |
| 4      | C00314.0000        | ALUMINUM EXTRUSION: INTERLOCK TOP   |
| 5      | C00327.0000        | ALUMINUM EXTRUSION: INTERLOCK LOWER   |
| 6      | C00337.000R        | ALUMINUM EXTRUSION: TOP RAIL & MUNTIN   |
| 7      | C00379.0001        | ALUMINUM EXTRUSION: GLASS STOP  |
| 8      | C00336.0001        | ALUMINUM EXTRUSION: BOTTOM RAIL   |
| 9      | C00325.0002        | ALUMINUM EXTRUSION: BOTTOM RAIL   |
| 10     | C00315.0000        | ALUMINUM EXTRUSION: TRACK FILLER  |
| 11     | C00330.0001        | ALUMINUM EXTRUSION: BOTTOM GUIDE  |
| 12     | C00386.0001        | ALUMINUM EXTRUSION: ADAPTOR   |
| 13     | C02801.0000        | ALUMINUM EXTRUSION: TOP RAIL  |
| 14     | C02899.0002        | ALUMINUM EXTRUSION: CORNER BLOCK (USED AS REINFORCEMENT)  |
| 15     | C00390.0000        | ALUMINUM EXTRUSION: THRESHOLD 7"  |
| 16     | C00351.0000        | ALUMINUM EXTRUSION: JAMB TUBE 4" X 1-3/4" W/ POCKET   |
| 17     | C00335.000R        | ALUMINUM EXTRUSION: VERTICAL RAIL   |
| 18     | C00363.0000        | ALUMINUM EXTRUSION: VERTICAL RAIL   |
| 19     | C00818.000R        | BAR TORSION (SERVES AS SLIDE PANEL TOP PIVOT)   |
| 20     | C00524.00FL        | WEATHERSEAL BRUSH (FELTON #490621)  |
| 21     | C00350.0000        | NOSING SEAL SCHLEGEL #1104-5101   |
| 22     | C00397.0000        | ADAPTER FOR C00389.01FL   |
| 23     | C00293.0000        | WEATHERSEAL BRUSH SCHLEGEL #8430-5016-7   |
| 24     | C00454.0000        | LOCK, MAX SECURITY ADAMS RITE MS1850S w/ ADAMS RITE 4015 HEADER BOLT                                  |
| 25     | C00463.0000        | THUMBTURN ADAMS RITE 4066   |
| 26     | C02098.0000        | SECURITY POST; 1/2" O.D. X 3/4" LG. x.083" WALL ALUM. TUBE (PLACED AT 24" & 48" ABOVE FINISHED FLOOR) |
| 27     | C00883.0000        | 3/8" HEX BOLT ADAMS RITE 4015 EXTENDING INTO HEAD AND SILL 1/2"                                       |
| 28     | C00843.01FL        | BOTTOM GUIDE DOOR MOUNTED   |
| 29     | C00844.01FL        | BOTTOM GUIDE DOOR MOUNTED   |
| 30     | C03638.0000        | HEADER & FACEPLATE SUPPORT  |
| 31     | C00371.000R        | WEATHERSTRIP; PANEL TO JAMB   |
| 32     | C00664.0001        | #8 X 3/4 FHSMS  |
| 33     | C09653.0000        | #10 X 3/4" FHSMS  |
| 34     | C00404.0000        | 1/4-20 LOCKNUT  |
| 35     | C00417.0000        | #14 X 1-1/2 HWSMS   |
| 36     | C00449.0000        | #10-24 X 1" FHMS  |
| 37     | C03682.0006        | DRIVE WHEEL ASSEMBLY  |
| 38     | C03681.0001        | IDLER ASSEMBLY  |
| 39     | C08151.0000        | 1/4-20 X 1" FHMS  |
| 40     | C08150.0000        | 1/4-20 X 3/4 HHMB   |
| 41     | C00537.000R        | CORNER BLOCK  |
| 42     | C09490.0001        | CORNER BLOCK  |
| 43     | C00536.0001        | CORNER BLOCK  |
| 44     | C09582.0002        | CORNER BLOCK  |
| 45     | C00341.0001        | VINYL GLAZING BULB  |
| 46     | C00289.0000        | TRACK CAP   |
| 47     | C00389.01FL        | INTERLOCK SEAL SCHLEGEL #7595-6011-0  |
| 48     | MI 0344.0000       | REINFORCING BACKUP TUBE; 1 1/4" X 1 1/4 " X 1/8" A36, FULL LENGTH OF VERT.RAIL                        |
| 49     | C00437.000A/B      | #10-24 x1/2 FHSMS LESS THAN 10" APART (STAGGERED)   |
| 50     | C00353.0000        | COVER; RECESS - JAMB  |
| 51     | C00437.000A/B      | #10-24 x 1/2 FHSMS  |
| 52     | NPN                | GLAZING - DOW CORNING #995  |
| 53     | C0538.000R         | BACKUP PLATE; CRS   |

JOHN E. SCATES, P.E.  
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CARROLLTON, TX 75007  
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*John E. Scates*  
7/22/08

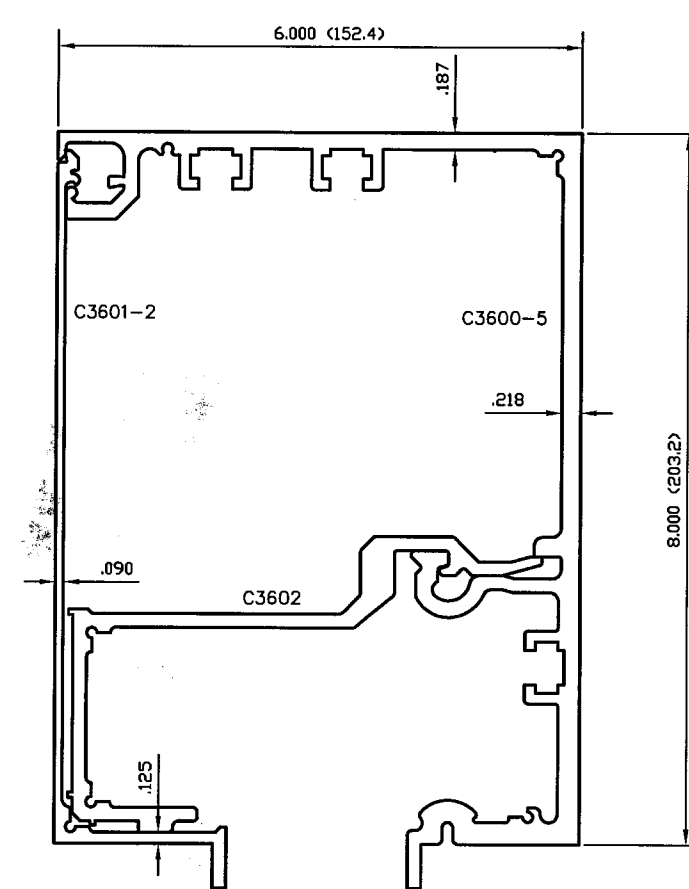
Approved as complying with the  
Florida Building Code  
Date Aug 21, 2008  
NOA# 08-0410-16  
Miami Dade Product Control  
Division  
By Shag I. Chank

2001/110 Impact Slide

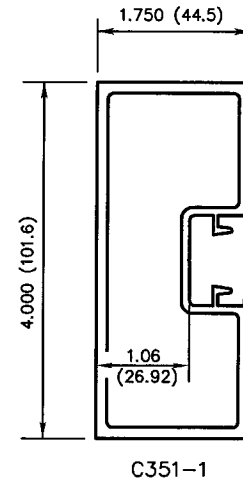
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| 1   | RELEASE FOR P.E. APPROVAL   | 01/23/07 | CONTRACTOR  |
| 2   | REINFORCED STRIKE RAIL      | 08/13/07 | SERIES 2001/110 TYPE "O-SX-SX-0", "O-SX" & "SX-0" |
| 3   | UPDATED PER UNIT TESTED     | 12/18/07 | STYLE NARROW FINISH                               |
| 4   | ADDED ITEMS 51 & 52         | 03/14/08 | ACTUATOR  |
| 5   | REVISED PER METRO DADE ENGR | 07/15/08 |   |
| 6   |                             |          |   |
| 7   |                             |          |   |
| 8   |                             |          |   |

Bill of Materials  
Dwg. No. 110706

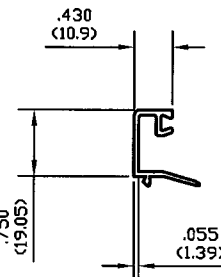
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| <b>Horton</b>  |               | A DIVISION OF OVERHEAD DOOR CORP.<br>4242 BALDWIN BOULEVARD<br>CORPUS CHRISTI, TEXAS 78405-3399<br>361-888-5591 1-800-531-3111<br>FAX: 361-888-6510, 1-800-531-3108 |  |
| METRO-DADE     |               | LOCATION:   |  |
| DISTRIBUTION   |               | SHEET 3 of 4  |  |
| DRW. J. LACKEY | DATE 11/07/08 |   |  |



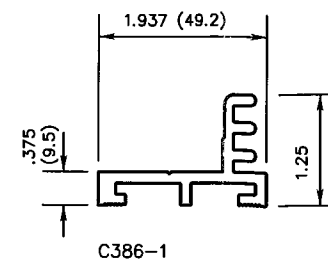
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(152.4) (203.2)  
ASSEMBLED



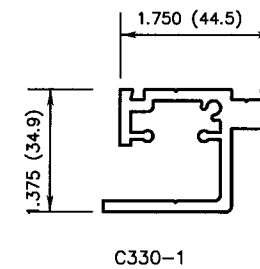
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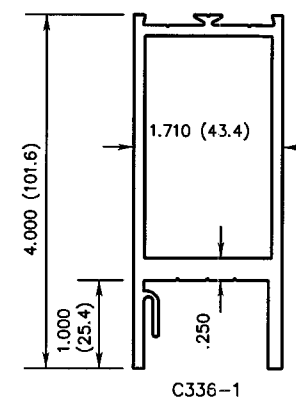
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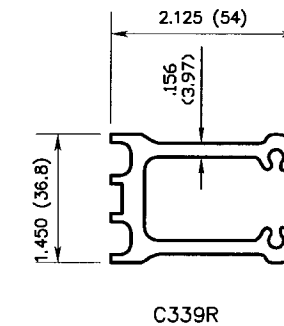
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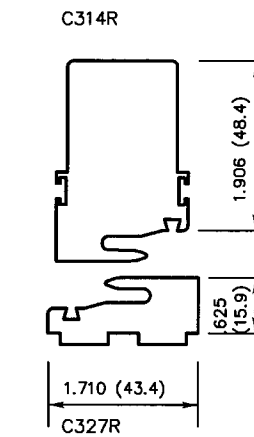
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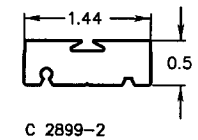
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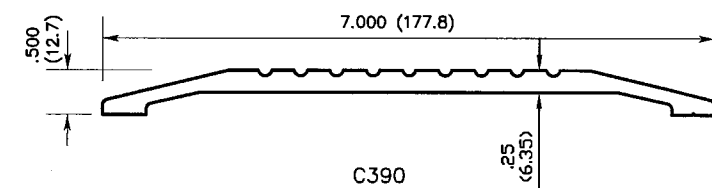
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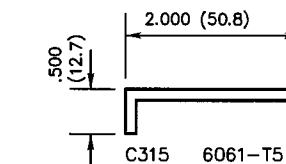
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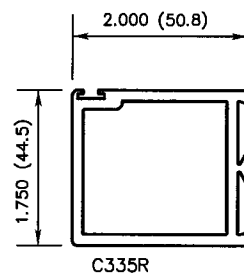
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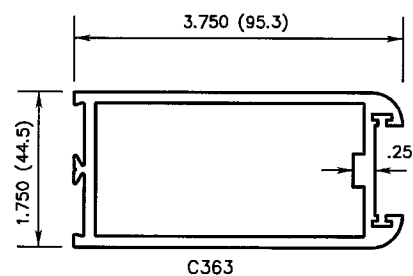
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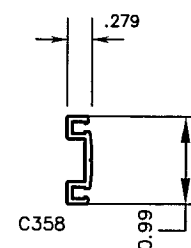
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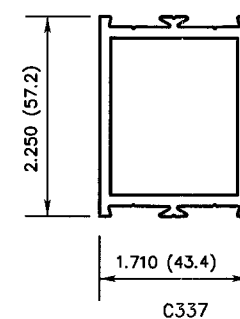
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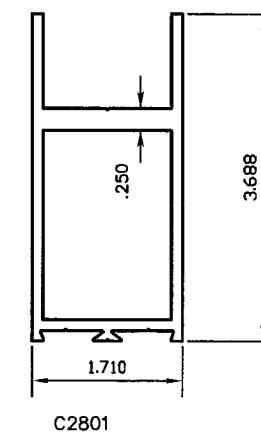
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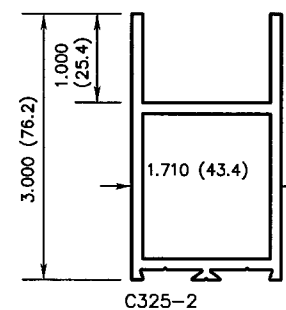
C358



C337



C2801



C325-2

TYPICAL THICKNESS = .125" UNLESS OTHERWISE NOTED

ALL EXTRUSIONS ARE 6063-T5 UNLESS OTHERWISE NOTED

2001/110 Impact Slide

| NO. | REVISIONS DESCRIPTION       | DATE     | ARCHITECT | CONTRACTOR |
|-----|-----------------------------|----------|-----------|------------|
| 1   | RELEASE FOR P.E. APPROVAL   | 01/23/07 |           |            |
| 2   | REINFORCED STRIKE RAIL      | 08/13/07 |           |            |
| 3   | UPDATED PER UNIT TESTED     | 12/18/07 |           |            |
| 4   | ADDED TOP HEADER PLATE DIM. | 03/06/08 |           |            |
| 5   | ADDED 1.06 DIM AT C351-1    | 03/06/08 |           |            |
| 6   | UPDATE PER METRO DADE ENGR  | 07/15/08 |           |            |
| 7   |                             |          |           |            |
| 8   |                             |          |           |            |

Extrusion chart  
Dwg. No. 110706

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CARROLLTON, TX 75007  
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*John E. Scates*  
7/22/08

Approved as complying with the  
Florida Building Code  
Date AUG 21, 2008  
NOA# 08-0410-16  
Miami Dade Product Control  
Division  
By Chas. I. Chavis

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